

**Commercial Paving Co., Inc.**  
**Cumberland County**  
**Scarborough, Maine**  
**A-455-71-J-R**

**) Departmental**  
**) Findings of Fact and Order**  
**) Air Emission License**

After review of the air emissions license renewal application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

**I. REGISTRATION**

**A. Introduction**

Commercial Paving Co., Inc. (Commercial Paving), located in Scarborough, Maine has applied to renew their Air Emission License permitting the operation of emission sources associated with their asphalt batch plant, mineral processing and wood grinding facility.

**B. Emission Equipment**

Commercial Paving is authorized to operate the following equipment:

**Asphalt Plant**

<b><u>Equipment</u></b>	<b><u>Production Rate (tons/hr)</u></b>	<b><u>Maximum Capacity (MMBtu/hr)</u></b>	<b><u>Date of Manufacture</u></b>	<b><u>Control Device</u></b>	<b><u>Stack #</u></b>
Kiln	100	43.5	1988	Baghouse	1
H-14 Hot Oil Heater	na	2.1	1988	na	H-14

**Rock Crusher:**

<b><u>Designation</u></b>	<b><u>Power Source</u></b>	<b><u>Process Rate (tons/hr)</u></b>	<b><u>Control Device</u></b>	<b><u>Date of Manufacture</u></b>
C-88 Primary	Diesel	100	Spray Nozzles	1960

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**Associated Diesel Units**

<b><u>Equipment</u></b>	<b><u>Fuel Type, % Sulfur</u></b>	<b><u>Maximum Firing Rate</u></b>
Diesel C-88	#2 Fuel, 0.3%	20 gal/hr
Diesel C-95	#2 Fuel, 0.3%	8.1 gal/hr
Diesel C-96	#2 Fuel, 0.3%	8.5 gal/hr
Diesel C-97	#2 Fuel, 0.3%	8.5 gal/hr
Diesel 34	#2 Fuel, 0.3%	6.0 gal/hr
Diesel 30	#2 Fuel, 0.3%	4.6 gal/hr

**Portable Wood Grinders:**

<b><u>Designation</u></b>	<b><u>Power Source</u></b>	<b><u>Process Rate (yd<sup>3</sup>/hr)</u></b>	<b><u>Control Device</u></b>	<b><u>Date of Manufacture</u></b>
C-95	Diesel	50	Spray Nozzles	1997
C-96	Diesel	80	Spray Nozzles	2001
C-97	Diesel	80	Spray Nozzles	2001

**C. Application Classification**

The application for Commercial Paving does not include the licensing of increased emissions or the installation of new or modified equipment. Therefore, the license is considered to be a renewal of current licensed emission units only and has been processed through Chapter 115 of the Department's regulations.

**II. BEST PRACTICAL TREATMENT (BPT)**

**A. Introduction**

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Department regulations. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emission from the source being considered; and
- the economic feasibility for the type of establishment involved.

**B. Asphalt Batch Plant**

Commercial Paving operates an asphalt batch plant with a production rate of 100 tons/hr and design firing rate of 43.5 MMBtu/hr firing #2 fuel and specification waste oil.

Commercial Paving's previous air emission license allows for the firing of no greater than 200,000 gallons per year of a combination of #2 fuel oil and specification waste oil. Commercial Paving did not apply to change the fuel limit for the asphalt batch plant, therefore, the previously permitted fuel use limit shall continue to be in effect. Sulfur content of the specification waste oil fired in the facility's asphalt batch plant shall not exceed 0.7% sulfur by weight.

In order to demonstrate compliance with the above fuel limits Commercial Paving shall maintain a fuel use record which shall include fuel receipts showing the quantity of fuel delivered and certification demonstrating the sulfur content of the specification waste oil fuel. The fuel use record shall be maintained on a monthly and calendar year basis.

BPT for the control of particulate matter emissions from the asphalt batch plant is the use of a bag-house. Commercial Paving currently makes use of a Hetherington & Berner (H&B) style bag-house. The H&B style direct pulse bag-house contains 324 single bags that are 6.0" in diameter and 8.0' long for a total of 4,071 square feet of cloth surface area. The unit will filter 24,000 cubic feet per minute (CFM) with a particulate removal efficiency of 99.0%. The performance of the baghouse shall be constantly monitored by either of the following at all times the batch plant is in operation:

1. PM Detector – when the detector signals excessive PM concentrations in the exhaust stream, Commercial Paving shall take corrective action within 24 hours, or immediately if opacity exceeds 20% based on a 6-minute block average basis.
2. Personnel with an EPA Method 9 visible emissions training within the past 6 months – when the opacity exceeds 20%, the hot mix asphalt batch plant is operating with insufficient control and Commercial Paving shall take corrective action immediately.

Commercial Paving shall continue to utilize their maintenance, inspection and repair system for the asphalt batch plant baghouse, which allows for periodic inspection of the system. Commercial Paving shall continue to document compliance by means of a maintenance, inspection and repair log in which Commercial Paving records the date of all bag failures and all routine maintenance as well as all inspection dates and findings.

A summary of the BPT analysis for the Asphalt Batch Plant is as follows.

1. BPT for PM/PM<sub>10</sub> is emissions not to exceed 0.03 gr/dscf.
2. For the use of specification waste oil, BPT is a sulfur content not to exceed 0.7% sulfur by weight.
3. NO<sub>x</sub>, CO and VOC emission limits are based upon AP-42 data dated 12/00 for #2 fuel.
4. Visible Emissions for the Asphalt Batch Plant baghouse is limited to no greater than 20% opacity on a 6-minute block average, except for no more than two 6-minute block averages in a continuous 3-hour period

#### C. Rock Crusher

Commercial Paving operates a rock crusher, designated C-88 Primary Crusher, at their Scarborough facility. The rock crusher was manufactured after 1960 and has a design output capacity of 100 tons per hour (ton/hr), therefore, C-88 Primary Crusher is not subject to EPA's NSPS Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons/hr for portable plants and greater than 25 tons/hr for non-portable plants.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of Best Practical Treatment (BPT) for control of particulate matter (PM) emissions from the rock crushers, Commercial Paving shall maintain and operate water sprays on the rock crusher in such a manner as to control visible emissions to no greater than 10% opacity on a 6-minute block average basis.

Commercial Paving shall maintain records of water spray maintenance, which shall include the date and nature of any water spray failures, the repair measures taken and the date and action of any preventative maintenance action taken on the water sprays. Commercial Paving shall also maintain a log of the rock crusher operations, which shall include the hours of crushing operations on a daily basis. The water spray maintenance log and the crushing operation log shall be kept on-site at the rock crusher.

#### D. Diesel Units

Commercial Paving operates six diesel units at their Scarborough facility, designated Diesel Units C-88, C-95, C-96, C-97, 30 and 34. Diesel unit C-88 acts as the primary drive for C-88 Primary Crusher. Diesel Units C-95, C-96 and C-97 act as the primary drive units for the facility's wood grinders and Diesel Units 30 and 34 are utilized as the primary drive units for two portable pug mills. The units have maximum design heat input capacities of 2.7 MMBtu/hr, 1.1 MMBtu/hr, 1.15 MMBtu/hr, 1.15 MMBtu/hr, 0.64 MMBtu/hr and 0.9 MMBtu/hr respectively

Commercial Paving's previous air emission license allows for the firing of no greater than a total of 100,000 gallons per year of #2 fuel oil with a sulfur content of no greater than 0.3% sulfur by weight in the facility's hot oil heater and diesel units combined. Commercial Paving has not requested a change in this limit, therefore, the previously permitted fuel use limit shall continue to be in effect.

In order to demonstrate compliance with the above fuel limit Commercial Paving shall maintain a fuel use record which shall include fuel receipts showing the quantity of fuel delivered. The fuel use record shall be maintained on a monthly and calendar year basis.

A summary of the BPT analysis for the diesel units is as follows

1. BPT for PM for the diesel units is 0.12 lb/MMBtu. PM<sub>10</sub> emission limits are based on PM limits;
2. NO<sub>x</sub>, CO and VOC emission limits are based on AP-42 data dated 10/96;
3. Visible emissions from each diesel unit shall not exceed 20% opacity on a 6-minute block average except, for no more than two 6-minute block averages in a 3-hour period.

#### E. Hot Oil Heater

Commercial Paving operates a hot oil heater, designated H-14 Hot Oil Heater, which is utilized to heat the asphalt in the asphalt storage tank. Hot oil is heated by the #2 fuel oil fired H-14 Hot Oil Heater and is circulated through heat exchange tubing in the storage tank keeping the asphalt in a liquid state. H-14 Hot Oil Heater has a maximum design heat input capacity of 2.1 MMBtu/hr firing #2 fuel oil.

As mentioned above, Commercial Paving's previous air emission license established a fuel restriction of no greater than 100,000 gallons per year of #2 fuel oil in the facility's diesel units and hot oil heater combined. Commercial Paving shall include the fuel purchased for and fired H-14 Hot Oil Heater as part of the diesel unit/hot oil heater fuel record, also the total fuel consumed in the hot oil heater shall be included under the licensed fuel restriction of 100,000 gallons per year of #2 fuel oil with a sulfur content of no greater than 0.3% sulfur by weight.

A summary of the BPT analysis for H-14 Hot Oil Heater is as follows:

1. BPT for PM for H-14 Hot Oil Heater is 0.12 lb/MMBtu. PM<sub>10</sub> emission limits are based on PM limits.
2. SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC emission rates are based on AP-42 data dated 10/98 for oil fired boilers.
3. Visible emissions from H-14 Hot Oil Heater shall not exceed 20% on a 6-minute block average.

**F. Wood Grinders**

Commercial Paving operates three wood grinder units, designated Wood Grinders C-95, C-96 and C-97. The three units each have maximum design process rates of 50, 80 and 80 cubic yards per hour (yd<sup>3</sup>/hr) respectively and all three were manufactured in 2001.

The regulated pollutant from the wood grinders is particulate matter emissions. To meet the requirements of BPT for control of particulate matter (PM) emissions from the two wood grinders, Commercial Paving shall maintain and operate water sprays on the wood grinders in such a manner as to control visible emissions to no greater than 10% opacity on a 6-minute block average basis.

Commercial Paving shall maintain records of water spray maintenance, which shall include the date and nature of any water spray failures, the repair measures taken and the date and action of any preventative maintenance action taken on the water sprays. Commercial Paving shall also maintain a log of the wood grinder operations, which shall include the hours of wood grinder operation on a daily basis. The water spray maintenance log and the wood grinder operation log shall be kept on-site at the wood grinder.

- G. Visible emissions from potential sources of fugitive particulate matter emissions, including material stockpiles and unpaved roadways, shall not exceed an opacity of 20 percent, except for no more than 5-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual 15-second opacity observations which exceed 20 percent in any 1-hour.**

H. Annual Emissions

**Total Allowable Annual Emissions for the Facility**

<b><u>Pollutant</u></b>	<b><u>Asphalt Batch Plant</u></b>	<b><u>H-14 Hot Oil Heater</u></b>	<b><u>Diesel Units</u></b>	<b><u>Total</u></b>
PM	1.4	0.13	1.8	3.3
PM <sub>10</sub>	1.4	0.13	1.8	3.3
SO <sub>2</sub>	9.9	0.32	1.7	11.9
NO <sub>x</sub>	4.0	0.15	26.2	30.4
CO	13.3	0.04	5.7	19.0
VOC	0.5	0.003	2.1	2.6

The Emissions Calculation are based on the following fuel restrictions:

- Total annual fuel use in the diesel units and hot oil heater combined shall not exceed 100,000 gallons per year of #2 fuel oil with a sulfur content of no greater than 0.3% sulfur by weight on a calendar year basis. (The above emissions calculations are based on 85% of the total #2 fuel oil allowed fired in the diesel units and 15% of the total #2 fuel oil allowed fired in the hot oil heater.)
- Total annual fuel use in the asphalt plant shall not exceed 200,000 gallons per year of a combination of #2 fuel oil and specification waste oil on a calendar year basis (The above calculations are based on the worst case scenario of firing 100% specification waste oil with a sulfur content of no greater than 0.7% sulfur by weight.)

**III. AMBIENT AIR QUALITY ANALYSIS**

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a non major source shall be determined on a case-by case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source. An air quality analysis is not required for this amendment.

## ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License Amendment A-455-71-J-R, subject to the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

## STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 MRSA §347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115. [MEDEP Chapter 115]
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both. [MEDEP Chapter 115]
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request. [MEDEP Chapter 115]



- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 M.R.S.A. §353. [MEDEP Chapter 115]
- (6) The license does not convey any property rights of any sort, or any exclusive privilege. [MEDEP Chapter 115]
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions. [MEDEP Chapter 115]
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request. [MEDEP Chapter 115]
- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license. [MEDEP Chapter 115]
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license. [MEDEP Chapter 115]
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
  - A. perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
    - 1. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
    - 2. pursuant to any other requirement of this license to perform stack testing.

- B. install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
  - C. submit a written report to the Department within thirty (30) days from date of test completion.  
[MEDEP Chapter 115]
- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- A. within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and
  - B. the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
  - C. the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.  
[MEDEP Chapter 115]
- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement. [MEDEP Chapter 115]

- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation. [MEDEP Chapter 115]
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status. [MEDEP Chapter 115]

#### **SPECIFIC CONDITIONS**

- (16) Asphalt Plant
- A. Emissions from the asphalt batch plant shall vent to an H&B style bag-house particulate control system, and all components of the asphalt batch plant shall be maintained so as to prevent PM leaks. [MEDEP Chapter 115, BPT]
  - B. Commercial Paving shall continue to utilize their maintenance, inspection and repair system for the asphalt batch plant bag-house, which allows for periodic inspection of the system. Commercial Paving shall continue to document compliance by means of a maintenance, inspection and repair log in which Commercial Paving records the date of all bag failures and all routine maintenance as well as all inspection dates and findings. [MEDEP Chapter 115, BPT]
  - C. Visible Emissions for the Asphalt Batch Plant baghouse are limited to no greater than 20% opacity on a 6-minute block average, except for no more than two 6-minute block averages in a continuous 3-hour period. [MEDEP Chapter 101]
  - D. Fugitive particulate matter emissions from the asphalt batch plant operation shall be controlled so as to prevent visible emissions in excess of 10% opacity except for one 6-minute block average in any continuous 1-hour period. [MEDEP Chapter 101]

- E. The performance of the baghouse shall be constantly monitored by either of the following at all times the batch plant is in operation:
1. PM Detector – when the detector signals excessive PM concentrations in the exhaust stream, Commercial Paving shall take corrective action within 24 hours, or immediately if opacity exceeds 20% based on a 6-minute block average basis.
  2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the hot mix asphalt batch plant is operating with insufficient control and Commercial Paving shall take corrective action immediately.  
[MEDEP Chapter 115, BPT]
- F. Total fuel use in the asphalt batch plant shall not exceed 200,000 gallons per year of a combination of #2 fuel oil and specification waste oil based on a calendar year basis.
- G. The sulfur content of the specification waste oil fired in the asphalt batch plant shall be no greater than 0.7% sulfur by weight.
- H. Commercial Paving shall maintain a fuel use record which shall include fuel receipts showing the quantity of fuel delivered and certification demonstrating the sulfur content of the specification waste oil. The fuel use record shall be maintained on a monthly and calendar year basis.  
[MEDEP Chapter 115, BPT]
- I. Emissions from the asphalt batch plant shall not exceed the following:

Equipment		PM	PM <sub>10</sub>	SO <sub>2</sub>	NO <sub>x</sub>	CO	VOC
Asphalt Batch Plant	Grs/dscf	0.03	-	-	-	-	-
	lb/hr	4.1	4.1	29.6	12.0	40.0	1.5

[MEDEP Chapter 115, BPT]

- J. Commercial Paving shall not process more than 10,000 cubic yards of petroleum contaminated soils per year in the asphalt plant without prior approval from the Department. [MEDEP Chapter 115, BPT]
- K. Commercial Paving shall only process soils contaminated with gasoline and/or #2 fuel oil in the asphalt plant without prior approval from the Bureau of Air Quality. [MEDEP Chapter 115, BPT]

- L. When processing petroleum contaminated soils in the asphalt plant, Commercial Paving shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, Commercial Paving shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [MEDEP Chapter 115, BPT]
  - M. Commercial Paving shall not process soils which are classified as hazardous waste or which have unknown contaminants in the asphalt plant. [MEDEP Chapter 115, BPT]
- (17) Rock Crusher
- A. Commercial Paving shall maintain spray nozzles on the rock crusher and operate the spray nozzles as necessary so as not to exceed visible emissions limits. Visible emissions from the crusher shall be limited to no greater than 10% opacity on a 6-minute block average basis. [MEDEP Chapter 101]
  - B. Commercial Paving shall maintain a log detailing the maintenance on the water spray nozzles. The maintenance log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BPT]
  - C. Commercial Paving shall maintain a log detailing and quantifying the hours of operation on a daily basis for the rock crusher. The operation log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BPT]
- (18) Diesel Unit/Hot Oil Heater Fuel Restriction
- A. Commercial Paving shall be restricted to a fuel limit of no greater than a total of 100,000 gallons per year of #2 fuel oil with a sulfur content of no greater than 0.3% sulfur by weight on a calendar year basis in the facility's hot oil heater and diesel units combined.
  - B. In order to demonstrate compliance with the above fuel limit Commercial Paving shall maintain a fuel use record which shall include fuel receipts showing the quantity of fuel delivered. The fuel use record shall be maintained on a monthly and calendar year basis.

(19) Diesel Units

A. Emissions from the diesel units shall be limited to the following:

<b>Equipment</b>		<b>PM</b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>VOC</b>
Diesel C-88	lb/hr	0.3	0.3	0.8	12.3	2.7	1.0
Diesel C-95	lb/hr	0.1	0.1	0.3	5.0	1.1	0.4
Diesel C-96	lb/hr	0.1	0.1	0.4	5.2	1.1	0.4
Diesel C-97	lb/hr	0.1	0.1	0.4	5.2	1.1	0.4
Diesel 34	lb/hr	0.1	0.1	0.3	3.7	0.8	0.3
Diesel 30	lb/hr	0.1	0.1	0.2	2.8	0.6	0.2

[MEDEP Chapter 115]

B. Visible emissions from each diesel unit shall not exceed 20% opacity on a 6-minute block average except, for no more than two 6-minute block averages in a 3-hour period.

(20) Hot Oil Heater

A. Emissions shall not exceed the following:

<b>Equipment</b>		<b>PM</b>	<b>PM<sub>10</sub></b>	<b>SO<sub>2</sub></b>	<b>NO<sub>x</sub></b>	<b>CO</b>	<b>VOC</b>
H-14 Hot Oil Heater	lb/hr	0.3	0.3	0.6	0.3	0.07	0.005

[MEDEP Chapter 115, BPT]

B. Visible emissions from H-14 Hot Oil Heater shall not exceed 20% on a 6-minute block average. [MEDEP Chapter 101]

(21) Wood Grinders

A. Commercial Paving shall operate and maintain spray nozzles for particulate control on each wood grinder in such a manner as to control visible emissions to no greater than 10% opacity on a 6-minute block average basis. [MEDEP Chapter 115 BACT]

B. Commercial Paving shall maintain a log detailing the maintenance on the water spray nozzles for the wood grinders. The maintenance log shall be located at the facility whenever the facility is in operation. [MEDEP Chapter 115 BACT]

C. Commercial Paving shall maintain a log quantifying the hours of operation, production on a daily basis, location and duration of use of the portable wood grinders. The operation log shall be located at Commercial Paving's home office. [MEDEP Chapter 115 BACT]

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- (22) Visible emissions from potential sources of fugitive particulate matter emissions, including material stockpiles and unpaved roadways, shall not exceed an opacity of 20%, except for no more than 5-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual 15-second opacity observations which exceed 20% in any 1-hour. [MEDEP Chapter 101]
- (23) Equipment Relocation [MEDEP Chapter 115, BPT]

- A. Commercial Paving shall notify the Bureau of Air Quality, by a written notification at least 48 hours prior to relocation of any equipment carried on this license except for the portable wood grinders. Written notice may be sent by mail, facsimile (fax), or e-mail. Notification sent by mail shall be sent to the address below or to a Department Regional Office:

Attn: Relocation Notice  
Maine DEP  
Bureau of Air Quality  
17 State House Station  
Augusta, ME 04333-0017

Equipment relocation notification can also be done on-line with e-notice at [www.maine.gov/dep/air/compliance/forms/relocation](http://www.maine.gov/dep/air/compliance/forms/relocation).

The notification shall include the address of the equipment's new location, an identification of the equipment and the license number pertaining to the relocated equipment.

- B. Written notification shall also be made to the municipality where the equipment will be relocated, except in the case of an unorganized territory where notification will be made to the respective county commissioners.
- (24) Commercial Paving shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 MRSA §605-C).
- (25) Commercial Paving shall pay the annual air emission license fee within 30 days of March 31 of each year. Pursuant to 38 MRSA 353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for the revocation of the license under 38 MRSA 341-D, Subsection 3.

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- (26) Commercial Paving shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [MEDEP Chapter 115]

DONE AND DATED IN AUGUSTA, MAINE THIS                      DAY OF                      2006.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: \_\_\_\_\_  
DAVID P. LITTELL, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

The term of this Order shall be for five (5) years from the signature above.

Date of initial receipt of application: **June 12, 2006**

Date of application acceptance: **June 15, 2006**

Date filed with the Board of Environmental Protection: \_\_\_\_\_

This Order prepared by, Peter G. Carleton, Bureau of Air Quality